ID de Contribution: 12 Type: Non spécifié

Scattering resonances of large quantum graphs

mercredi 26 juin 2024 10:30 (55 minutes)

Open quantum graphs are singular one-dimensional objects, on which waves can escape towards infinity. The relevant spectral information to describe the behavior of such waves are the scattering resonances of the graph, which form an (infinite) set of complex numbers.

We will state old and new results concerning the location of these resonances, in particular in the asymptotic regime where the graph is large.

Orateur: INGREMEAU, Maxime